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TREMBOVEL'SKIY, Dmitriy Evanovich; ZANEVSKIY, M.S., redaktor; SOKOL'SKIY, I.F., redaktor; KONYASHINA, A., tekhnicheskiy redaktor.

[Hydraulic rams for simple water supply lines] Gidravlicheskie tarany dlia prostykh vodoprovodov. Hoskva, Izd-vo Ministerstva kommubal'nogo khoziaistva RSFSR, 1956. 96 p. (MIRA 9:6)

(Hydraulic rams) (Water supply, Rural)

	1 12/31-65 ENT(d)/ENT(1)/END-2/EMI(h) Peb  ACCESSION NR: AP5007031 S/0120/65/000/001/0086/0081	
The Supple	AUTHOR: Golubyin, I. A.; Zenevskiy, Yu. V.	
	TITLE: Hanosecond coincidence circuit using transistors and tunnel diodes 2	The state of the s
	SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1965, 86-89	
	TOPIC TAKE: cordel cable transmission, pulse shaper, coincidence circuit, phyto-	
	ABSTRACT: A sensitive two-channel coincidence circuit for scintillation counters is proposed with a view toward reducing pulse distortion in signal transmission U.	
Dies lab	sover coaxial cables. Resentially, the circuit consists of two pulse chapers and a discriminator and operates on the principle of summation of signals which are standardized with respect to duration and amplitude. The discriminator uses a tunner diode. The resolving time of the circuit, measured with Co <sup>50</sup> and Me <sup>22</sup>	
	pulses was approx 1.5 namesec. The dead time of a channel on the basis of deal pulses was approx 10 namesec. The sensitivity of the circuit can be as high and 50-100 my. Orig. art. hast 11 figures.	
	ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Nuclear Restarc Institute)	h Q
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ACCESSION UR: AP4047469 230(-)/E-0(-0)/ 5/0120/64/000/005/0114/0119 AUTHOR: Galusyia, I. A.; Zanevskiy, Yu. Y. CITLE: A system of universal modules for acintillation counters SOURCE: Pribory & t. tekhnika eksperimenta, no. 5, 1964, 114-119 Topic TACS: universal module, scintillation counter, pulse shaper, tunnol niede, coincidence circuit, unticoincidence circuit. Cans tuonel utade, wide bund amplifier, common emircer cirquit AUSTRICT: The following four universal circuits to be used with scine thation counters have been developed: 1) The first shaping circult whose basic function is the standardization of phises at the scintillation counter dutput. It utilizes three transistors, one of thich is kinsed with a current of \$5 mamp and protects against over-loads, while the other two insure the power amplification of the limited signal. The output signal of the first shaping circuit in either a positive or a regative pulse of  $^{\circ}$  10 nsec in duration and  $^{\circ}$  0.4 v in height. The dead time is  $^{\circ}$  30 nsec. 2) Next is a four-Card 1/2

L 14374-65 ACCESSION MR: AP4047469

channel coincidence or anticoincidence circuit which utilizes four diodes. The application of negative pulses produces coincident mode of operation while the utilization of positive pulses results in the anticoincident mode of operation. 3) A second shaping circuit is connected after the coincidence circuit and functions as a discriminative. It utilizes a monostable multivibrator based on a GaAs tunnel diode. The output aignal of the circuit is a negative pulse of 10 need durition and 0.7 v height. The output impedance is 50 ohms, 4) The vice-band amplifter consists of three communemitter transistors. The first two transferors are dec coupled while the third uses an emictor follower circuit. The amplifter gain is 8, the pulse rise time is several need. The cutput impedance is 50 ohms. Torig, art, has: 14 figures.

ASSUCIATION: Ob'yedinennyy institut yadernykh iaslsdovaniy (Joint Institute of Nuclear Research).

SUBMITTED: 050cc63

ENGL: 00

SUB CODE: EC

NO REF SOV. 000

OTHER: 002

Unit 2/2

GOLUTVIN, I.A.; ZANEVSKIY, Yu.V.

System of universel moduli for scintillation counters. Frib.

i tekh. eksp. 9 no.5:114-119 S-0 '64. (MIRA 17:12)

1. Ob"yedinennyy institut yadernykh issledovaniy.

#### HUNGARY

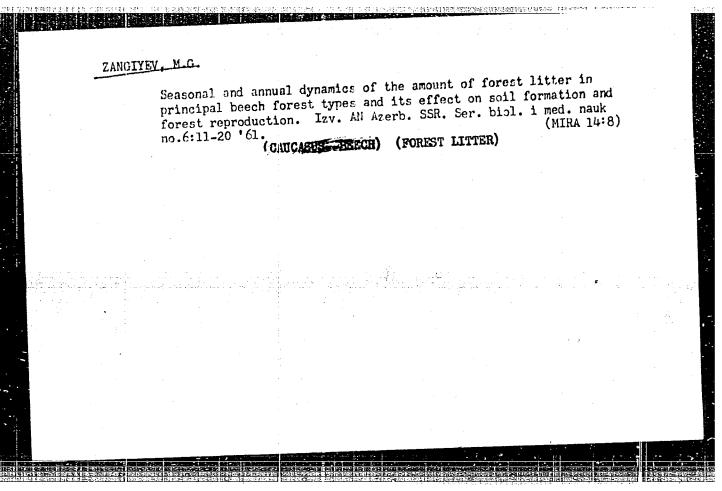
ZANCEL, Vera, Dr, MASSZI, Jozsef, Dr; Medical University of Budapest, Dermatological and Venereclogical Clinic (director: FOLDVARI, Ferenc, Dr) (Budapesti Orvostudomanyi Egyetem, Bor-Nemikortani Klinika).

"Three Cases of Steroid Diabetes Leading to Ketosis."

Budapest, Orvosi Hetilap, Vol 108, No 9, 26 Feb 67, pages 395-396.

Abstract: [Authors' Hungarian summary] Three cases of steroid diabetes involving transient ketosis, an occurrence not previously reported in the literature, are described. On the basis of the clinical symptoms and laboratory findings, the ketosis can be accepted as documented. In addition to the exhaustion of insulin reserves, other metabolic disturbances may also contribute to its development. Attention is called to the importance of an adequate evaluation of the early precomatous symptoms and of a routine testing for acetone in the urine. All 5 references are Hungarian.

# FEHER, L., dr.; ZANGEL, V., dr. Treatment of steroid diabetes with oradian. Ther. Hung. 13 no.1: 17-20 '65 1. 2nd Department of Medicine (Director: Prof. P. Gomori), and Department of Dematology (Director: Prof. F. Foldwari), University Medical School, Budapest.



<b></b>	Recent data on the occurrence of certain plants in Azerbaijan.  (MIRA 13:7)									
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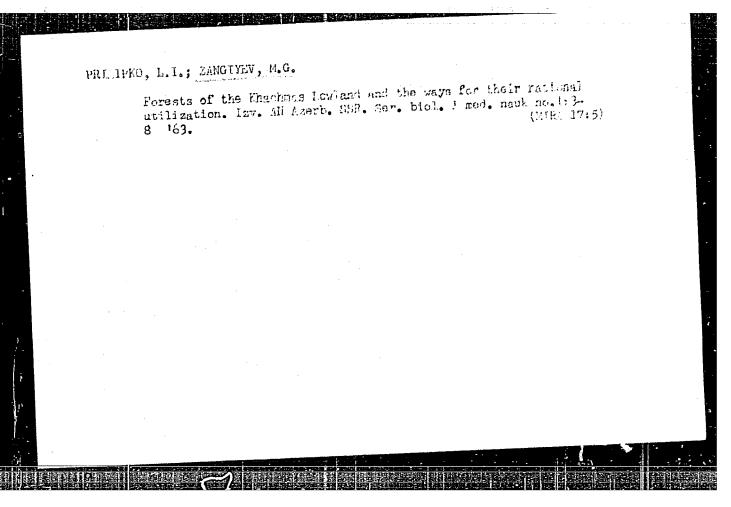
LITTER RESERVES OF THE WOST PREDOMINANT TYPES OF BEECH
FOREST AND ITS INFLUENCE ON FOREST REGENERATION PROCESSES."

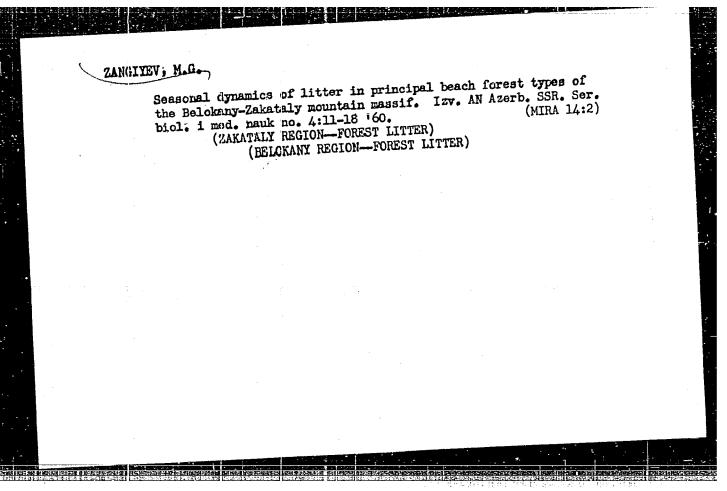
BAKU, 1961. (COMPENS HIGHER AND SEC SPEC ED OF THE COUNCIL
OF MINISTERS AZSSR. AZERBAYDZHAN STATE UNIV IMENI S. M.

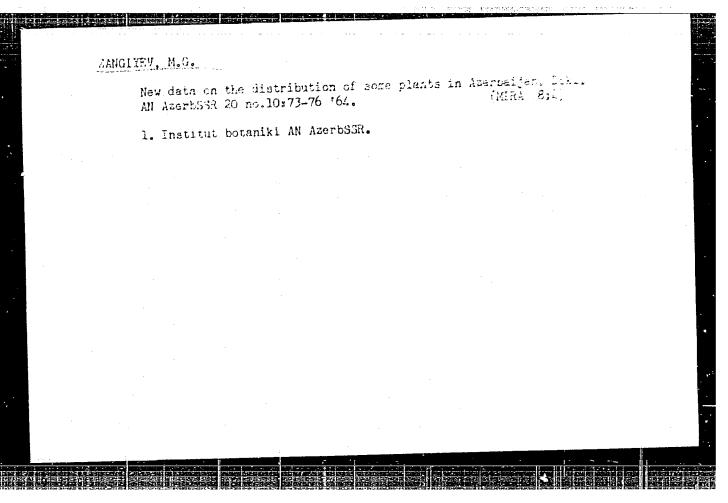
KIROV. ACAD SCI AZSSR. INST OF BOTANY IMENI V. L. KOMAROV).

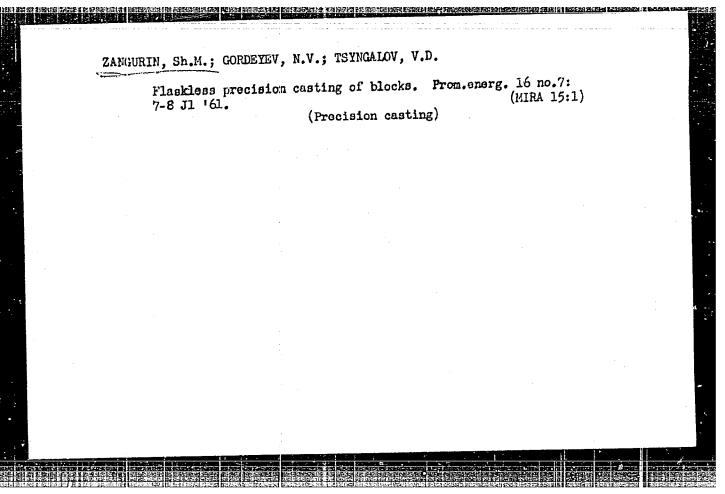
(KL-DV, 11-61, 214).

-82-









5/094/61/000/007/001/005 E073/E335 Zangurin, Sh.M., Gordeyev, N.V. and Flaskless Casting of Precision Cast Blocks Promyishlennaya energetika, 1961, No. 7, Tsyngalov, V.D. AUNHORS: In one of the undertakings precision casting by the In one of the undertakings precision casting by prior the moulds, prior lost wax method was carried out by placing which were then filled LOST WAX method was carried out by placing the moulds, prior to teeming of the metal, into flasks which were to teeming of the metal, essential since the moulds were with dry sand. TITLE: to teeming of the metal, into flasks which were then fill into flasks which were then fill of the moulds were with dry sand. This was ethyl silicate and in soit of produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and in soit of the produced from hydrolized ethyl silicate and the produced ethyl silicate and the produced from hydrolized ethyl silicate and the produced ethyl silicate PERIODICAL: with ary sand. Tris was essential since the moulds were produced from hydrolized ethyl silicate and in spite of applying four refractory costings they were not strong applying four refractory costings they were not strong to applying four refractory costings they were not strong to applying four refractory costings they were not strong to applying the strong to apply t produced from hydrolized ethyl silicate and in spite of enough.

applying four refractory coatings they were not strong furnace heated in an electric furnace heated in an electric furnace. applying lour relractory coatings they were not strong enough the flasks were heated in an electric furnace before teeming, the flasks were heated in an electric furnace before teeming, the authors proposed a new technology which to 900-950 c. The authors proposed a new technology of use the proposed authors and obvious the necessity of use the proposed authors are not all the necessity of use the proposed authors are not strong to the necessity of use the necessity TEXT to 900-950 °C. The authors proposed a new technology which the necessity of using ensured sufficient strength, and obviated the necessity of with the flasks. In the same way as before. ensured sufficient strength and obviated the necessity of using the moulds were coated with the flasks. In the same way as before, the moulds declared liquid class. four layers of refractory. 11a5K5. In the same way as before, the moulds were coated with the moulds were coated with liquid glass.

11a5K5. In the same way as before, the moulds were coated with liquid glass.

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11a5K5. In the same way as before, the moulds were coated with liquid glass.

11a5K5. In the same way as before, the moulds were coated with liquid glass. tour layers of refractory, two of which contained liquid glass two of which contained the ethylthe layers with liquid glass were deposited on the These layers
the layers with liquid glass reinforcing layers. These layers
silicate films and acted as reinforcing layers. Cará 1/4

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963

S/094/61/000/007/001/005 E073/E335

Flaskless Casting ....

contained: liquid glass; quartz powder (artificial marshallite); refractory clay; hydrochloric acid. Before preparing the rendering the modulus of the liquid glass had to be increased to 3 to 3.5 by adding hydrochloric acid to it. The quantity of hydrochloric acid per 1 litre of liquid glass should be as follows:

Modulus of the liquid glass 2.6 2.7 2.8 2.9 3.0 100% hydrochloric acid, 25 20 17 12.8 parts

The acid has to be diluted with water before adding it to liquid glass. The specific weight of the liquid glass, which is diluted with hydrochloric acid, should be 1.2 - 1.25. The refractory clay was roasted in the furnace at 500-600 °C The refractory clay was roasted in the furnace at 500-600 °C for 2-5 hours and passed through a sieve No. 40. The marshallite was passed through a sieve No. 40 without processing. The rendering was prepared by simple mixing of the liquid The rendering was prepared by simple mixing of the liquid glass; the ground clay and the marshallite in a 1:1 ratio.

Card 2/4

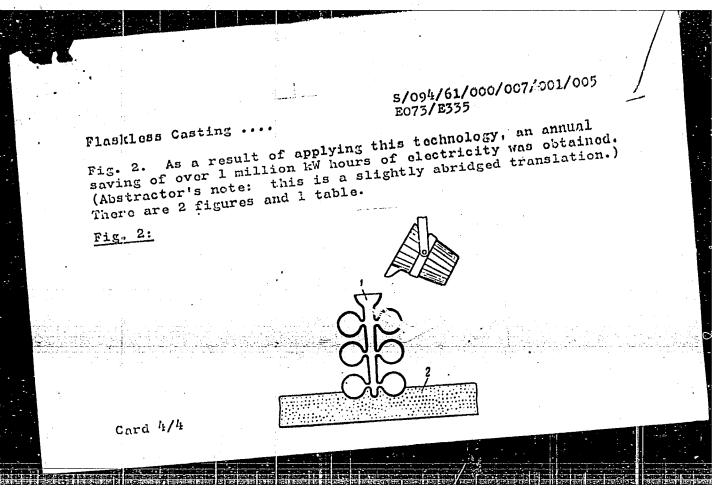
S/094/61/000/007/001/005 E073/E335

Flaskless Casting ....

Ecfore use, the rendering should be passed through a 12-20 sieve to remove lumps. Sequence of the operations:

- 1) dipping of the mould block into the tank containing the rendering;
- 2) producing a uniform layer of rendering throughout the entire surface;
- 3) spraying of the block with dry quartz sand;
- 4) cleaning of the edges of the boat mould from the rendering;
- 5) drying of the block for four hours at 25 30 °C. As a result of using this method, ceramic moulds with a satisfactory strength were obtained which were able to withstand firing in the furnace at temperatures up to 800-900 °C. Mould blocks produced by this method do not require the use of flasks and, as a result, it is possible to increase considerably the number of moulds charged into the firing furnace and to reduce the firing time, since the thin ceramic blocks are heated much more quickly than moulds placed into heavy sand-filled fron mould boxes. To maintain a stable position during teeming the mould is placed into a dry-sand bed, as shown in

Card 5/4



The roads of technical progress in the Soviet textile industry in the period of the sixth Five-Year Plan. p. 120. (PRZEMYSL WLOKIENNICZY. Vol. 10, no. 9, Sept. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

POLIND / Chemical Technology. Chemical Products and Their Applica-

APPROVED FOR RELEASE: 09/19/2001 CIA-RI : Des Jour : Ref Zh Khim., No 12, 1959, No 44342

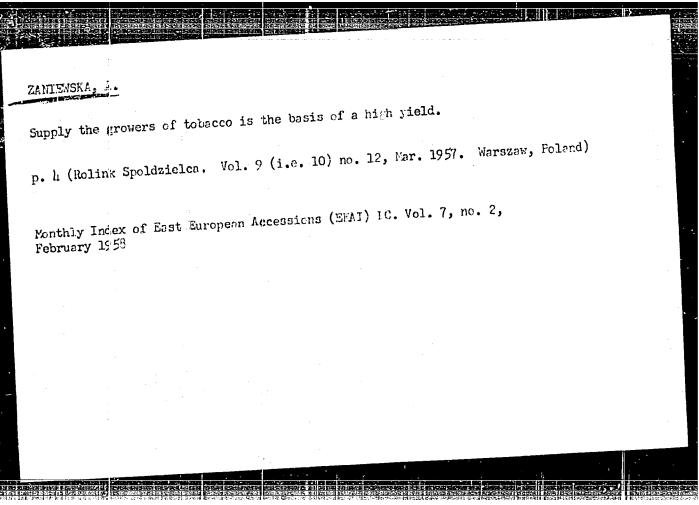
Author : Zeniemojski, J. Inst : Not given

: The Future of Synthetic Fibers Title

Orig Pub : Techn. wlokienn., 1958, No 9, 273-274

Abstract : None given

Card 1/1



ZANTEWSKI, E.

Changes in the turnover of grain, with regard to the new General Conditions of Delivery.

p. 4 (Rolink Spoldzielca. Vol. 9 (i.e. 10) no. 13, Mar. 1957. Warszaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

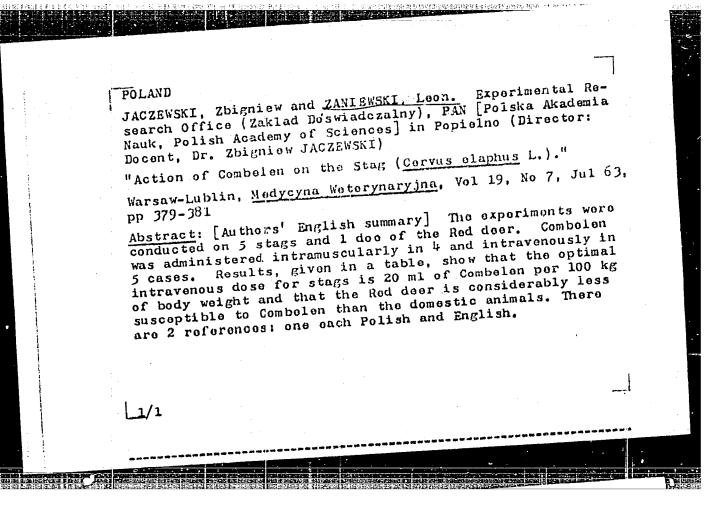
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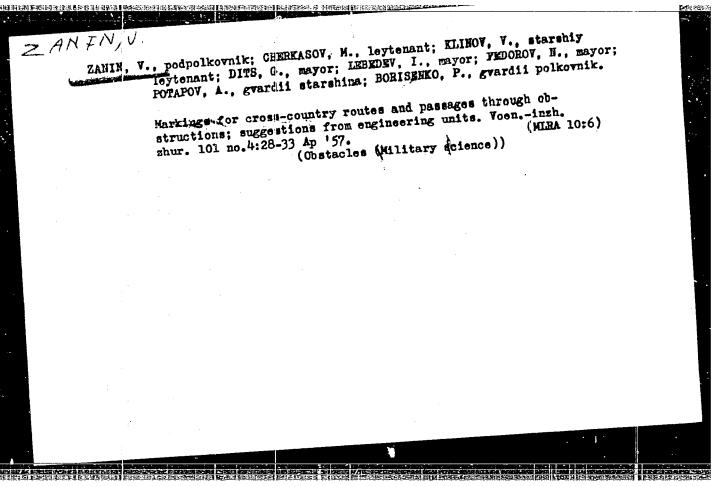
# ZANIEWSKI, H.

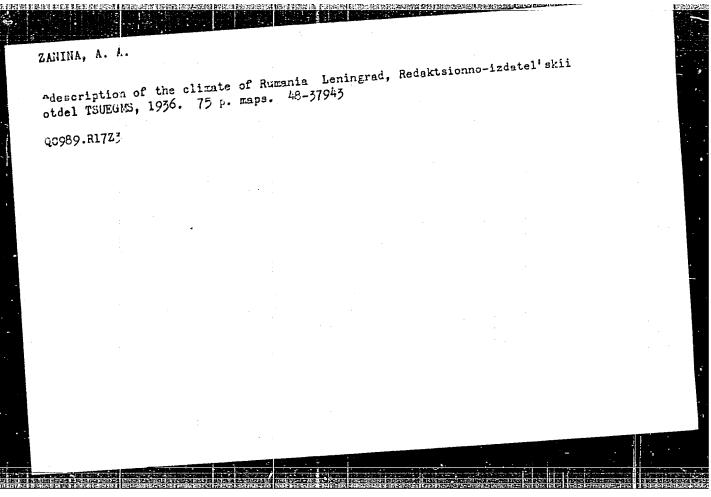
For the correct procedure of purchasing grain of the 1957 crop.

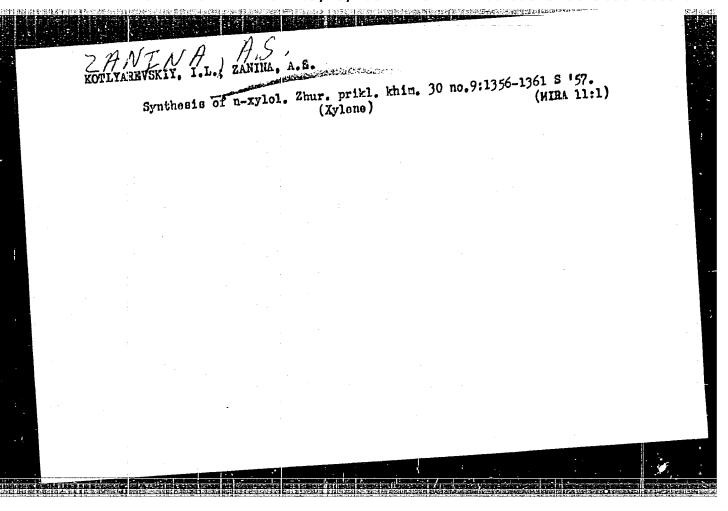
p. 7 (Rolnik Rolnictwo) Vol. 9, No. 13, Oct. 1957, Warszawa, Poland

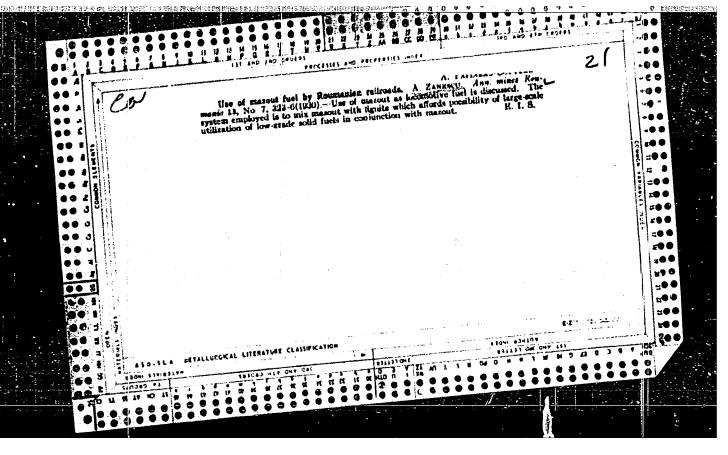
SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EFAI) IC, VOL. 7, NO. 1. JAN 1958

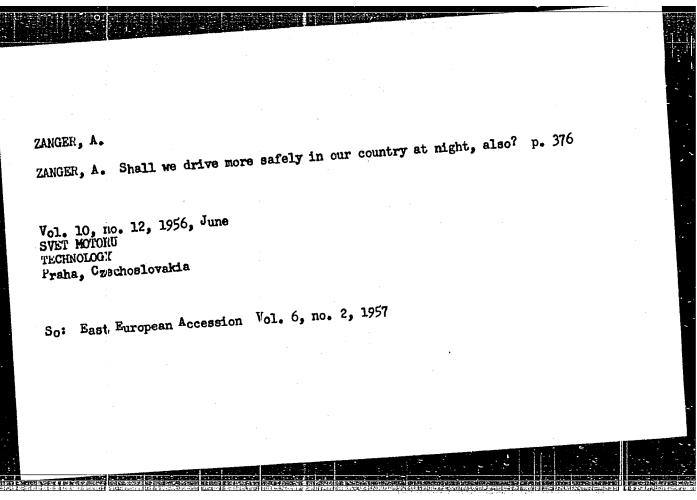












# "APPROVED FOR RELEASE: 09/19/2001

# CIA-RDP86-00513R001963810003-0

USSR/Medicine - Prophylaxis
Medicine - Bacteriology

"Same Prophylactic Measures in Annerobic Infection,"
T. Kh. Zangiyev, 5 pp

"Voyenno Med Zhur" No 6

Discussion, with statistical table, to the effect that general sanitary measures are very important in anaerobic prophylaxis, that a wound should be treated immediately, with injection of 5 doses of anti-gangrene serum, etc.

14788

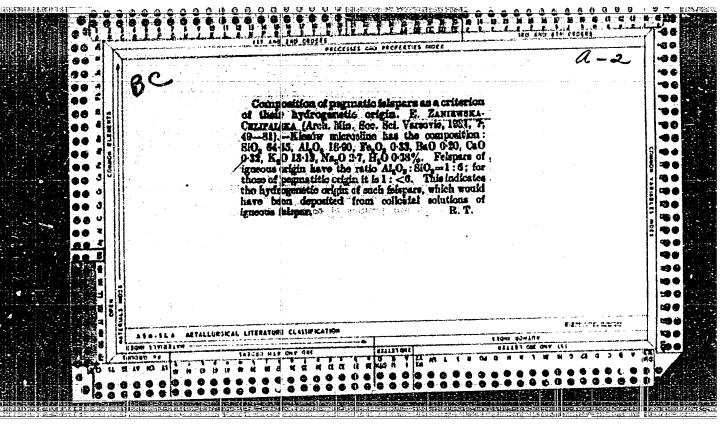
ZANGIYEV, T.Kh.

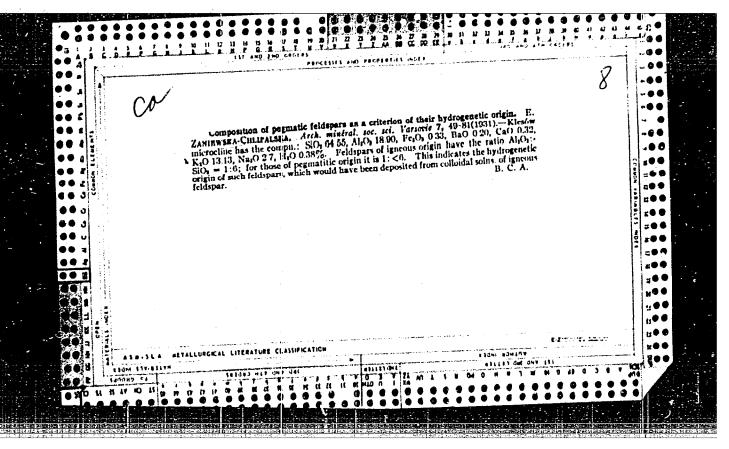
ZANGIEV, T. KH.

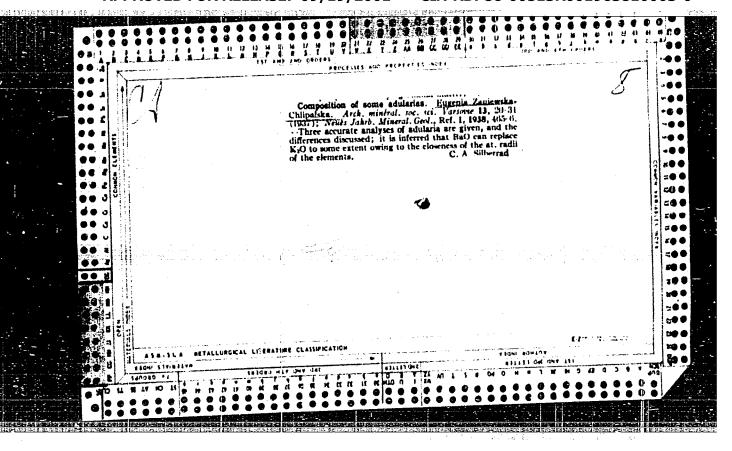
Professor N. A. Bogoraz. Fel'dsher & akush. No. 11, Nov. 50. p. 36-41

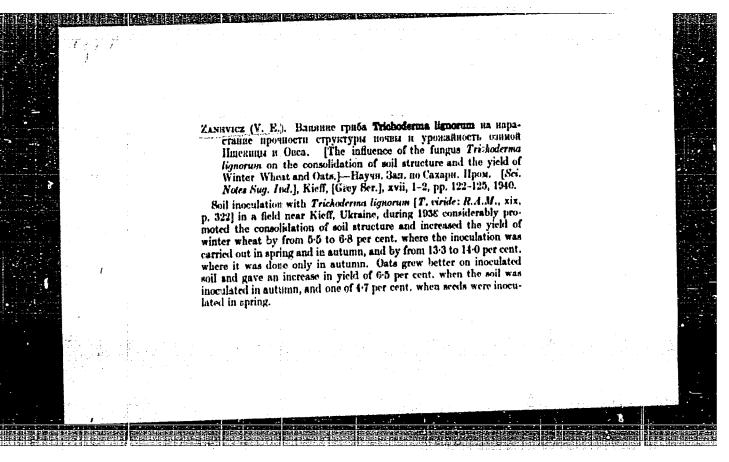
1. Candidate Medical Sciences.

CLML 20, 3, March 1951









ZANIEMOJSKI, J.

ZANIEMOJSKI, J. Problems of scientific-technical documentation in the textile industry. p. 101

Vol. 10, no. 2, 1956 PRZEMYSL WLOKIENNICZY TECHNOLOGY Lodz, Poland

So: East European Accession Vol. 6, no. 2, Feb. 1957

ZANJKO, A. M.

"Essai d'utilisation de solutions non aqueuses dans la polarographie".,

Zanjko, A. M. et Manusova, F. A., (p. 1171)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 10, no. 13.

ACCESSION NR: AP4041639

\$/0114/64/000/006/0039/0040

AUTHOR: Troyanovskiy, B. M. (Candidate of technical sciences, Docent); Zanin, A. I.; Kazintsev, F. V. (Engineer)

TITLE: Higher economy of a stage in which stamped blades were replaced with milled blades

SOURCE: Energomashinostroyeniye, no. 6, 1964, 39-40

TOPIC TAGS: steam turbine, steam turbine blade, stamped turbine blade, milled turbine blade, steam turbine economy

ABSTRACT: The last stage of a VPT-25-4 (Ural Turbomotor Plant) steam furbine was tested under various conditions with (a) stamped nozzle blades and (b) MEI-designed milled varying-thickness blades having the same effective  $\sin \alpha_1 = 0.266$ . The stage efficiency was 80-81% and 86% for the first and second diaphragms, respectively. The tests were staged with pressure ratios

Card | 1/2

ACCESSION NR: AP4041639

corresponding to subsonic speeds in the diaphragms, and with natural Reynolds numbers [Re s b, c, / \sqrt{1.3-2.0} \times 10^5]. Orig. art. has: 2 figures.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power-Engineering Institute)

SUBMITTED: 00 . ENGL: 00

SUB CODE: PR NO REF SOV: 002 OTHER: 000

GOLOVIN, V.A., inzh., dissertant; ZANIN, A.I., inzh.; KAZINTSEV, F.V., inzh., dissertant

Methods for studying models of the terminal stages of steam turbines operating on wet steam. Teploenergetika 12 no.3:71-75 Mr 165. (MIRA 18:6)

1. Moskovskiy energeticheskiy institut.

KAZINTSEV, F.V., inzh.; TROYANOVSKIY, B.M., kand.tekhn.nauk; ZANIN, A.I., inzh.

Study of a steam turbine stage with d/1=2,75. Teploemergetika
12 no.1:35-39 Ja '65.

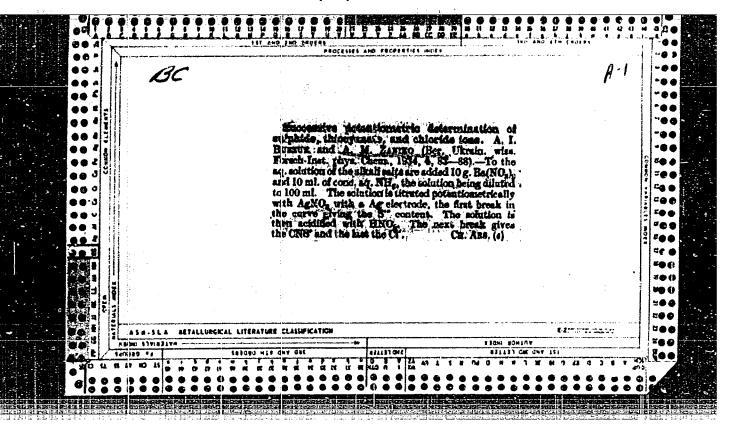
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1. Moskovskiy emergeticheskiy institut.

TROYANOVSKIY, B.M., kand, tekhn, nauk, dotsent; KAZINTSEV, F.V., inzh.;

ZANIN, A.I., inzh.

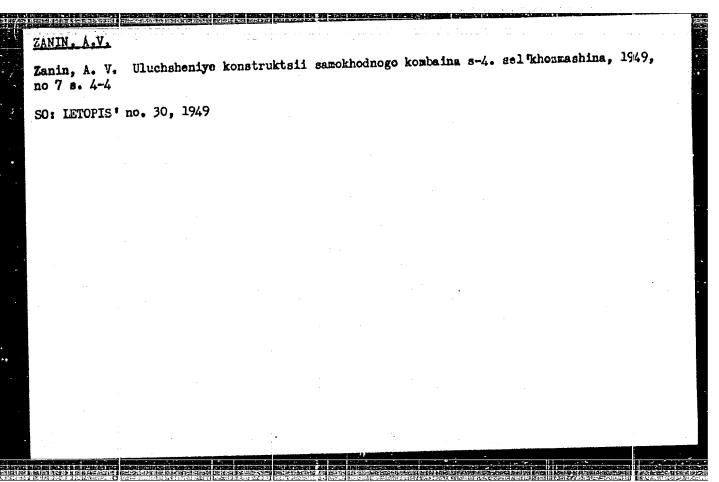
Increase of stage efficiency resulting from the replacement of etamped nozzle blades with milled ones. Energomashinostroente
10 no.6:39-40 Je 164. (MIRA 17:9)



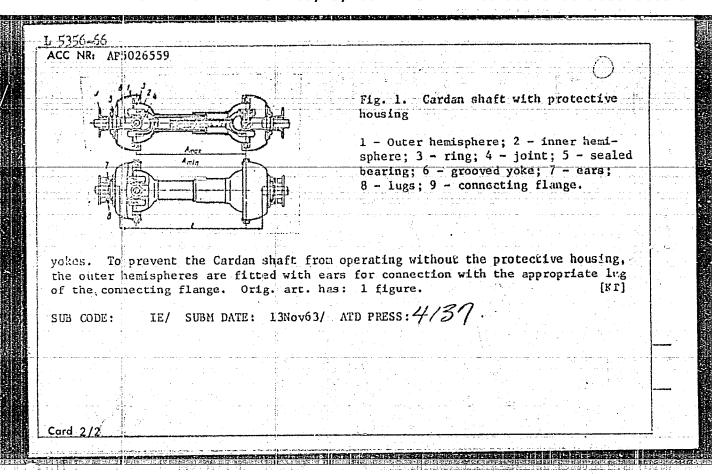
VOLKOV, Yu.I., inzh.; GAFANOVICH, A.A., kand.tekhn.nauk; GHADKOV, N.G., kand.sel skokhoz.nauk; GORKUSHA, A.Ye., agr.; ZHITNEY, N.F., inzh.; ZANIN, A.V., kend.tekhn.nauk; ZAUSHITSYN, V.Ye., kend.tekhn.nauk; ZVOLINSKIY, N.F.; ZEL'TSERMAN, I.M., kand.tekhn.nauk; KAIPOV, A.N., kend.tekhn.nauk KASPAROVA, S.A., kand.sel'skokhoz.nauk; KOLOTUSHKINA, A.P., kend.ekon, nauk; KRUGLYAKOV, A.M., inzh.; KURNIKOV, I.I., inzh.; LAVRENT'YEV, L.N., inzh.; LEBEDEV, B.M., kand.tekhn.nouk; LEVITIN. Yu.I., inzh.; MAKHLIN, Ye.A., inzh.; NIKOLAYEV, G.S., inzh.; POLESHCHENKO, P.V., kand.tekhn.nauk; POLUNOCHEV, I.M., agr.; P'YANKOV, I.P., kand.sel'skokhoz.nauk; RABINOVICH, I.P., kand.tekhn.nauk; SOKOLOV, A.F., kand.sel'skokhoz.nauk; STISHKOVSKIY, A.A., inzh.; TURBIN, B.G., kand.tekhn.neuk; CHARAN, I.V., inzh.; CHAPKEVICH, A.A., kand.tekhn.nauk; CHERNOV, G.G., kand.tekhn.nauk; SHMRLRV, B.M., kand. tekhn.nauk; KRASNICHENKO, A.V., inzh., red., KLETSKIN, M.I., inzh., red.; MOLYUKOV, G.A., inzh., red.; HLAGOSKLONOVA, N.Yu., inzh., red.; UVAROVA, A.F., tekhn.red.

[Reference book for the derigner of agricultural machinery in two volumes] Spravochnik konstruktora sel'skokhoziaistvennykh mashin v dvukh tomakh. Moskva. Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.1. 1960. 655 p. (MIRA 13:11) (Agricultural machinery--Design and construction)

ZANIN, A. V	( • · · · · · · · · · · · · · · · · · ·
22519	Zanin, A. V. Uluchsheniye Konstruktsii Samokhodnogo Kombaina S-4. Sel'Khozmashina, 1949, No. 7, S 4-4
so:	Letopis' No. 30, 1949
٠	



ORG: none  TITLE: Cardan shaft with protective housing. Class 47, No. 175358  SOURCE: Byulleten' dzobreteniy i tovarnykh znakov, no. 19, 1965, 114  TOPIC TAGS: Cardan shaft, universal joint  ABSTRACT: in Author Certificate has been issued for a Cardan shaft consisting of and joints with grooved yokes. To better protect the Cardan shaft and prevent the inner hemispheres by rings located in the universal joint's plane of vibration (See Fig. 1) and mounted on smaled ball bearings installed on the hubs of the grooved	Tattestman	26559 LPH	SOURCE CODE: UR/0286/65/000/019/0114/0114	7
SOURCE: Byulleten' dzobreteniy i tovarnykh znakov, no. 19, 1965, 114  TOPIC TAGS: Cardan shaft, universal joint  ABSTRACT: An Author Certificate has been issued for a Cardan shaft consisting of and joints with grooved yokes. To better protect the Cardan shaft and prevent the inner hemispheres by rings located in the universal joint's plane of vibration (See Fig. 1) and mounted on smaled ball bearings installed on the hubs of the grooved	INVENTUR: Gai	anovich, A. A.; Za	nin, A. V. Vidishav v +4 44	
TOPIC TAGS: Cardan shaft, universal joint  ABSTRACT: An Author Certificate has been issued for a Cardan shaft consisting of a protective housing in the form of a telescoping tube with hemispheres, a shaft, housing's rotation, the housing is equipped with outer hemispheres connected to in the universal joint's plane of vibration (See Fig. 1) and mounted on smaled ball bearings installed on the hubs of the grooved.	ORG: none	2	B. G.; Filimonov, V. N.	
TOPIC TAGS: Cardan shaft, universal joint  ABSTRACT: An Author Certificate has been issued for a Cardan shaft consisting of a protective housing in the form of a telescoping tube with hemispheres, a shaft, housing's rotation, the housing is equipped with outer hemispheres connected to in the universal joint's plane of vibration (See Fig. 1) and mounted on smaled ball bearings installed on the hubs of the grooved.	TITLE: Cardan	Shaft		
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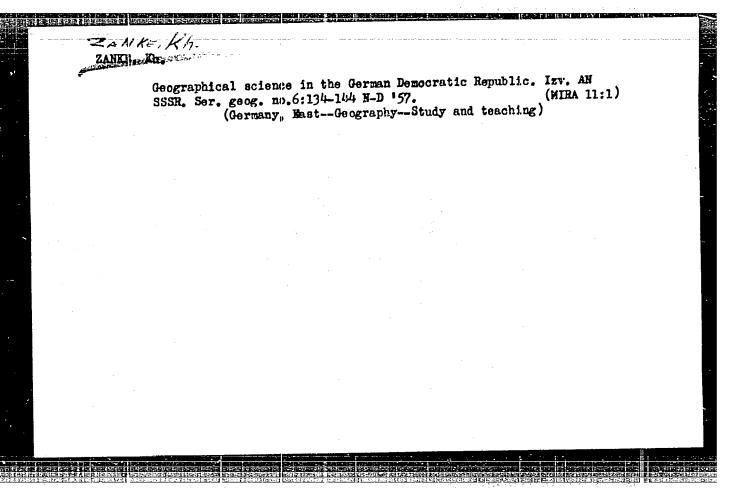
EMP(K)/EMA(c)/EMI(d)/EMI(m)/EMP(b)/EMP(b)/EMP(1)/EMP(v)/EMP(t)ACCESSION IR: AT5016185 JD/HW----TR/3104/65/000/006/0042/0055 AUTHORS Zanin, A. Ya. (Engineer); Soloveychik, P. L. (Engineer) TITLE: Wheel rolling machine with horizontal positioning of the formed part SOURCE: Ural'skiy machinostroitel'nyy zavod, Sverdlovek. Nauchno-issledovatel'skiy institut tyazhelogo mashinostroyeniya. Proizvodstvo krupnykh mashin, no. 6, 1965. Prokatnoye obor dovaniye; konstruirovaniye, raschet i issledovaniye (Rolling equipment; construction, dusign and investigation); abornik statey, 42-55 TOPIC TIGS: matal forming, rolling mill, wheel forming, wheel rolling mill ABSTRACT: A wheel rolling machine with horizontal wheel positioning, which eliminates many of the dissidventages of existing borizontal wheel rolling machines, is described. In all, 13 disadvantages ranging from cycle speed to rolling accuracy are mentioned. Details of the design are shown in 5 detailed figures. The rolling station consists of a main roll and two inclined rolls with the former driven by a do notor and the latter driven through a common drive. The machine is equipped with an automatic loading, centering, and unloading table which displaces vertically and horizontally to clear all forming rolls. The machine has the following specifications: capacity - up to 150 railroad wheels/hour; 500-2500-mm diameter parts; roll Card 1/2

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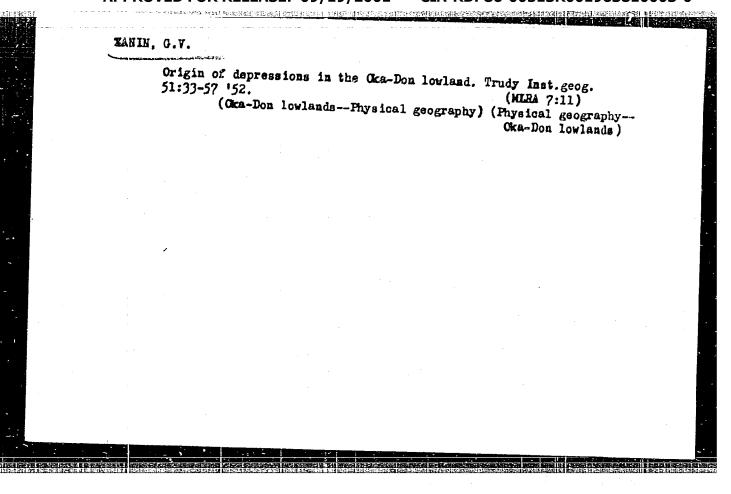


USSR/Geophysics - Erosion Nov/Dec 52

"Erosional Forms of Relief Which are Due to Seasonal Water Flow, and Their Principles of Forest Improvement," G. V. Zanin, Inst of Geog, Acad Sci USSR

"Iz Ak Nauk SSSR, Ser Geograf" No 6, pp 10-23

Discusses fixed erosional forms and forms of recent washouts. Suggests afforestation and simple engineering techniques of construction to decrease flow to prevent erosion.



BRITSINA, M.P.; GERASIHOV, I.P.; EHIVAGO, A.V.; ZANIN, G.V.; FEDOROVICH, B.A.

IUrii Sergeevich Kashin; obituary. Izv.AN SSSR Ser.geog. no.6:92-93 N-D '53.

(MLRA 6:12)

(Kashin, Iurii Sergeevich, 1921-1953)

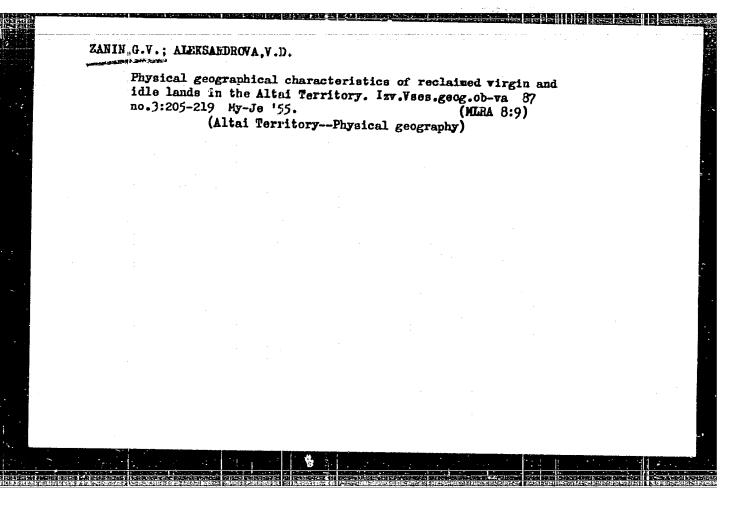
Dissertation: "Frimitive and Present-Day Erosion Forms of Relief of the Oksko-Donskoye Plain and Its Interrelation." Cand Geog Sci, Inst of Geography, Acad Sci USJR, 21 May 54. Vechernyaya Koskva, Moscow, 12 May 54.

SO: SUM 284, 26 Nov 1954.

ZANIN.G.V.; ALEESANDROVA, V.D.; KRAYTSOVA, V.I.; SHAVRYGIN, P.I.

Division into natural regions of the new reclaimed farm lands in the Altai Territory. Izv.AN SSGR. Ser.geog. no.2:69-72 Hr-Ap '55.

(Altai Territory---Physical geography) (MLRA 8:6)

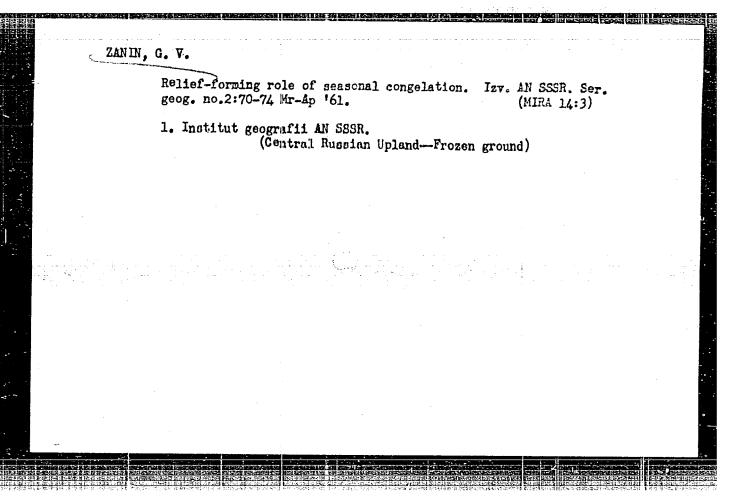


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	•	Recent ra	vine erosion Ser.geog. no	in the Alta .6:43-49 N-D	i plains and	its cont	l. Izv. (MIRA 15:	12)
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GAL'TSOV, A.P.; GERASIMOV, I.P.; ZANIN, G.V.; SOBOLEV, L.N.

Scheme of the general program for station field research on the biogeophysics of natural landforms. Izv. AN SSSR. Ser. geog. no.5:95-99 S-0 61. (MIRA 14:9)

1. Institut geografii AN SSSR.
(Physical geography--Research)



ZANIN, G.V.

Origin of some barrier lakes and continental deltas of mountain rivers in the Polar Urals. Izv. AN SSSR. Ser. geog. no.6:66-68 N-D '60. (MIRA 13:10)

1. Institut geografii AN SSSR. (Ural Mountains-- Lakes) (Ural Mountains-Deltas)

3(5)

SOV/10-59-4-11/29

AUTHOR:

Zanin, G.V.

TITIE:

Nivosolifluction and Suffosion Landforms in the

Altay Lowlands

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geografiches-

kaya, 1959, Nr 4, pp 91 - 96 (USSR)

ABSTRACT:

The article deals with the phenomena of snow-caused soil creep and soil sagging due to underground washout as encountered in the Pavlovskiy and Shelabolakhin-skiy rayony (Pavlovsk and Shelabolakha Rayons) of the Ob plateau, Altayskiy Kray, in spring 1955. They appear on the ravine slopes exposed to the north as wide, karren-like niches (Figures 1 to 6) and on the flat country as soil depressions (Figures 7 and 8). These phenomena are due to the peculiarities of the Altay loess-like loam formations and their thickness (15-80 m), which originated in the Quaternary period. As snow in this area tends to melt away rather late (in

Card 1/2

SOV/10-59-4-11/29

Nivosolifluction and Suffosion Landforms in the Altay Lowlands

1955, it melted as late as 15-20 May), the slopes of the ravines are subject to landslides and the flat country to sags, the latter in the shape of caves, sink holes, and underground channels up to 1.5 to 2 m in diameter. There are 5 diagrams, 1 set of diagrams, and 2 photographs.

ASSOCIATION:

Institut geografii AN SSSR (Institute of Geography

AS USSR)

Card 2/2

15-57-5-5942D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,

p 32 (USSR)

AUTHOR:

Zanin, G. V.

TITLE:

Ancient and Contemporary Erosional Relief Forms on the Oka-Don Plain and Their Interrelationships (Drevniye i sovremennyye erozionnyye formy rel'yefa Oksko-Donskoy

ravniny i ikh vzsimootnosheniya)

ABSTRACT:

Bibliographic entry on the author's dissertation for the degree of Candidate of Geographical Sciences,

Moscow, 1954.

ASSOCIATION: Moscow, 1954.

Card 1/1

CIA-RDP86-00513R001963810003-0" APPROVED FOR RELEASE: 09/19/2001

ZANIN, M.I.

AUTHORS:

Golub, B. I., and Zanin, M. I.

TITLE:

Automatic Switch on Machines for Tests for Fatigue under Torsion Avtomaticheskiy vyklyuchatel k mashinam dlya ispytaniya na

ustalost' pri kruchenii)

PERIODICAL:

Zavodskaya Laboratoriya, 1957, Vol. 23, No. 1, pp. 104-105 (U.S.S.R.)

ABSTRACT:

The authors find that in the designing of a cutout switch for machines, testing for fatigue under torsion is made difficult by the fact that there is practically no displacement either of the part tested or some part of the machine. They have developed a cutout switch for the machine with a torsion dynamometer. Contact is effected between a plunger and mercury under given conditions of vibration, causing a current to operate the switch. The details of the mechanism are explained with a drawing of the mercury circuit-closing device and the lagout of the switch circuit. There

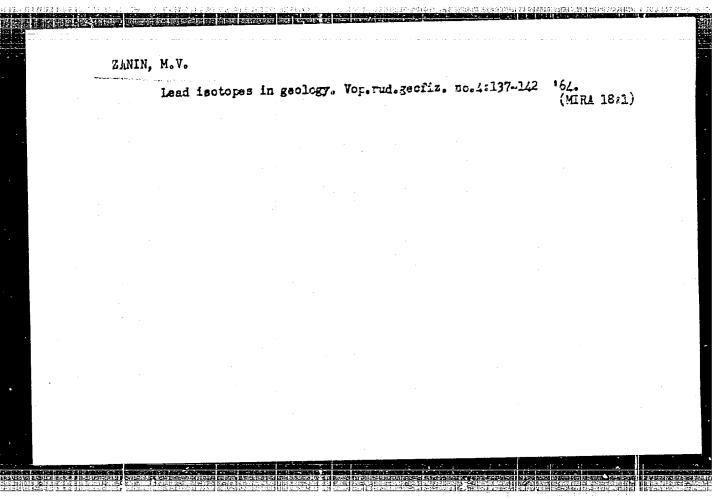
are no references cited.

ASSOCIATION:

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CIA-RDP86-00513R001963810003-0" APPROVED FOR RELEASE: 09/19/2001

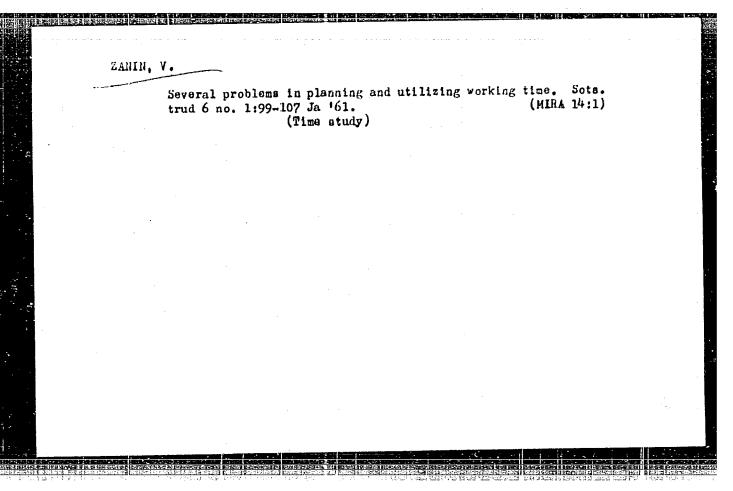
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BASKOV. G.M., gornyy inzh.; ZANIN, N.I., ekonomist

Methods of writing off the expenses for stripping operations in coal mines. Ugol' 40 no.9:24-26 S '65.

(MIRA 18:10)



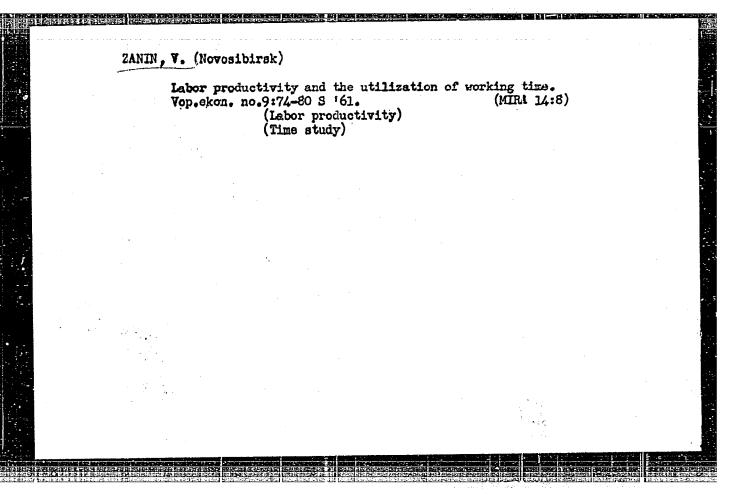
IMSHENETSKIY, A.A., akademik; YEFIMOCHKINA, Ye.F.; NIKITIN, L.Yo.; ZANIN, V.A.

Bacterial decomposition of cholesterol in the human blood serum.

Dokl. AN SSSR 161 no.3:701-703 Mr '65.

(MIRA 18:4)

1. Institut mikrobiologii AN SSSR.



ZANIN, Vadim Ivanovich; ISAYEV, Ye.N., kand. ekon. nauk, otv. red.;

SNITSARENKO, A.A., red.; YELISTRATOVA, Ie.M., tekhn. red.

[Working time and labor productivity] Rabochee vremia i
proizvoditel'nost' truda. Novosihirsk, Izd-vo Sibirskogo
otd-nia AN SSSR, 1963. 114 p. (MIRA 16:10)

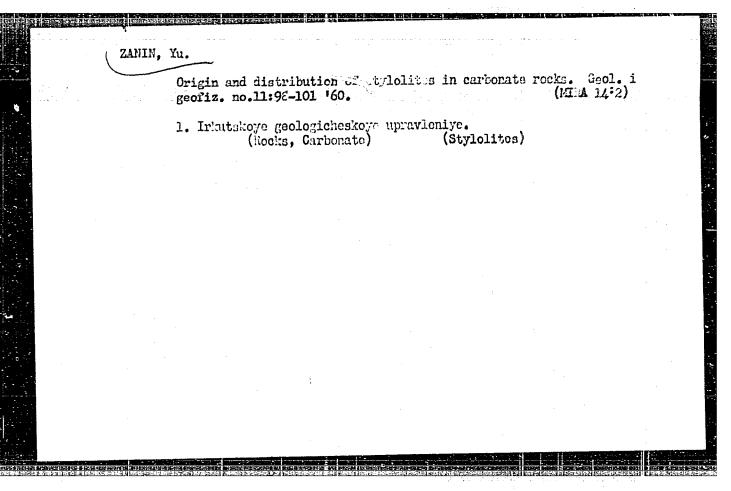
(Labor productivity) (Time study)

## ZANIN, V.I.

Utilization and Planning of Work Time

The following dissertations were defended in the Joint Scientific Council on the Economic Sciences and the Humanities, Candidate of Economic Sciences.

Vestnik \*kad Nauk, No. 4, 1963 pp. 119-145



ZANIN, Yu.N.; OGIYENKO, L.V.

Ordovician stratigraphy of the southwestern part of the Irkutsk amphitheater. Sov. geol. 7 no.4:109-114 Ap 64. (MIRA 17:5)

1. Irkutskoye geologicheskoye upravleniye.

Some characteristics of the diurnal variation of the air temperature and relative humidity on the territory of the U.S.S.R. Trudy GGO no. 112:176-186 63. (MIRA 17:5)

之间的10年二

AUTHOR:

Zanina, A.A.

36-65-8/10

TITLE:

Characterization of Temperature Anomalies Under Conditions

of the Mountainous Relief and Coastal Plains of

Scandinavia (O kharakteristikakh temperaturnykh anomaliy

v usloviyakh gornogo rel'yefa i poberezh'ya)

PERIODICAL:

Trudy Glavnoy geofizicheskoy observatorii, 1956, Nr 65(127).

pp. 83-92 (USSR)

ABSTRACT:

This is an extensive study of the spatial and temppral distribution of temperature anomalies in the complex physico-geographical conditions of the Scandinavian peninsula, where the influence of subjacent surfaces is particularly strong and where the transition from m rine to continental conditions occurs very quickly.

There are 6 figures and 3 references, all USSR.

AVAILABLE:

Library of Congress

Card 1/1

ZANINA, Anastasiya Andreyevna; LEBEDEV, A.M., kand. geogr. nauk, red.; VAYTSMAN, A.I., red.

[Climate of the Scandinavian peninsula] Klimat Skandinavskogo poluostrova. Leningrad, Gidrometeoizdat, 1964. 51 p.

(MIRA 17:7)

3(7)

PHASE I BOOK EXPLOITATION

SOV/1819

## Zanina, Anastasiya Andreyevna

- Dal'nevostochnyye rayony, Kamchatka i Sakhalin (Far East Regions: Kamchatka and Sakhalin) Leningrad, Gidrometeor. izd-vo, 1958. 166 p. (Series: Klimat SSSR, vyp. 6) Errata slip inserted 1,200 copies printed.
- Sponsoring Agencies: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby, and Glavnaya geofizicheskaya observatoriyz. im. A.I. Voyeykova.
- Resp. Ed.: T.V. Pokrovskaya; Ed: L.P. Zhdanova; Tech. Ed.: O.G. Vladimirov.
- PURPOSE: This book is intended for climatologists, agrometeorologists, and geographers, as well as for vuz students.
- COVERAGE: This book describes the characteristics of the basic climate-forming factors (the peculiarities of the radiation budget, the circulation processes, the effect of relief and Card 1/6

Far East Regions: Kamchatka and Sakhalin

SOV/1819

sea). It presents a brief outline of seasonal climates, and a description of the individual climatic factors (thermal and wind conditions, humidity rate) in the Far East. The book is the 6th volume of a series entitled "Klimat SSSR". The series treats the following regions: 1. European Territory, 2. Caucasus, 3. Central Asia, 4. Western Siberia, 5. Eastern Siberia, 6. Far East Regions: Kamchatka and Sakhalin. There are 46 references of which 44 are Soviet and 2 English.

TABLE OF CONTENTS:

Preface

3

SECTION I. THE FORMATION OF CLIMATE

Ch. 1. The Radiation Factors of Climate

7

Sunshine (7). Total solar radiation (12). The absorbed radiation (15). The effective radiation (18). The radiation balance (19).

Card 2/6

Far Eas	t Regions: Kamchatka and Sakhalin SOV	/1819
Ch. 2.	The Circulation Factors of Climate	22
	General characteristics of circulation processes (22). Special Circulation Features According to Seasons. Winter Circulation (24). Summer Circulation (30). Circulation During Transitional Seasons (34).	
Ch. 3.	The Importance of the Subjacent Surface The effect of relief (36). The Effect of Bordering Seas and Inland Waters (39).	36
	SECTION II. GENERAL CHARACTERISTICS OF CLIMATE	
Ch. 4.	A Brief General Outline Winter (42). Spring (44). Summer (45). Autumn (46)	41
Ch. 5.	Thermal Conditions Winter (49). Spring (56). Summer (63). Autumn (69)	47
Card 3/	8	

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Far East	Regions: Kamchatka and Sakhalin SOV/1	819
	Wind Conditions (Local Winds (79)	73
ch. 7.	Humidity Conditions The Moisture of Air (81). Cloudiness (86). Precipitation (88) Evaporation and Runoff (103). Snow Cover (106)	80
ch. 8.	Atmospheric Phenomena Fogs (111) Snowstorms (117). Thunderstorms (118). Glaze and Sleet (119).	111
SEC	CTION III. THE CLIMATIC FEATURES ACCORPING TO REGIO	ONS
*	Chukutsko-Anadyrskiy Rayon Winter (123). Spring (125). Summer (126). Autumn (128).	123
Ch. 10.	Okhotskiy Rayon Winter (129). Spring (135). Summer (131). Autumn (132)	129
Card 4/6		

Far East	Regions: Kamchatka and Sakhalin	sov/1819
Ch. 11.	Lower (Eastern) Priamur'e (Amur Region) Winter (133). Spring (135). Summer (135). Autumn (136)	132
Ch. 12.	Central (Western) Priamur'e Winter 138). Spring (139). Summer (139). Autumn (140)	137
ch. 13.	Primorskiy Kray Winter (142). Spring (142). Summer (143). Autumn (144)	140
Ch. 14.	Kamchatka and Komandroskiye Islands  Kamchatka. Winter (145). Summer (145). Kodorskiye Island. Winter (148). Summer (149)  Spring (149). Autumn (149).	144 coman~
Card 5/6		
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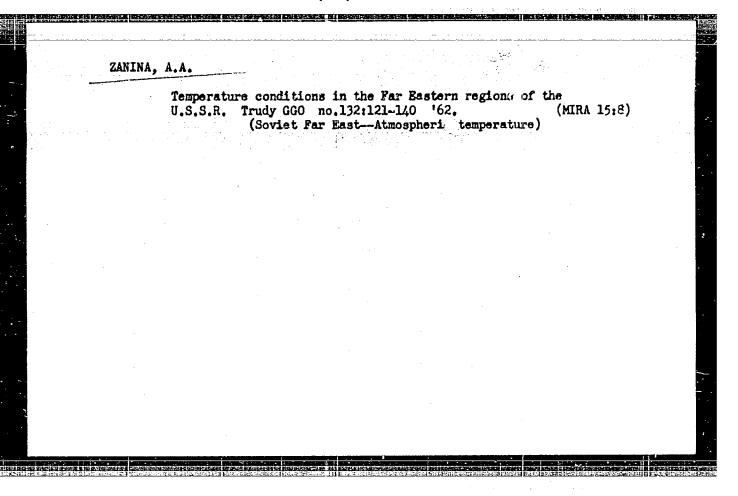
Far East Regions: Kamchatka and Sakhalin	SOV/1819
Ch. 15. Sakhalin and Kuril Islands Sakhalin. Winter (151). Summer (152). Spring Autumn(153). Kudril Islands. Winter (154). Spring (154). Summer (154). Autumn (154).	
Literature	
Appendix	155
AVAILABLE: Library of Congress	157
Card 6/6	
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ZANINA, Anastasiya Andreyovna; POKROVSKAYA, T.V., otv.red.; ZHDANOVA, L.P., red.; VLADIMIROV, O.G., tekhn.red.

[Regions of the Far East, Kamchatka, and Sakhalin] Dal'nevostochnye raiony, Kamchatka i Sakhalin. Leningrad, Gidrometeor. izd-vo.

1958. 166 p. (Klimat SSSR, no.6) (MIRA 12:2)

(Soviet Far East--Climate)



ZANINA, Anastasiya Andreyevna; GOL'TSBERG, I.A., otv. red.; VAYTSMAN,
A.I., red.; BRAYNINA, M.I., tekhn. red.

[Caucasus] Kaykaz. Leningrad, Gidrometeor.izd-vo, 1961. 289 p.

(Klimat SSSR, no.2)

(Caucasus—Climate)

(Caucasus—Climate)

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S/076/61/035/001/016/022 B004/B060

AUTHORS:

Marshakov, I. K. and Zanina, A. N.

TITLE:

Mechanism of the corrosive destruction of iron along the

water line

PERIODICAL:

Zhurnal fizicheskoy khimii, v. 35, no. 1, 1961, 206-211

TEXT: The authors were concerned with the problem of the intensive corrosion of low-alloy steels along the water line, i.e., along the line separating the corroding medium from the atmosphere. According to I. L. Rozenfel'd and K. A. Zhigalova (Ref. 1) the process has a different course depending on whether the electrolyte surface remains immobile, or whether its level fluctuates. The corrosion of Armco iron was examined in various media with the surface at rest. The formation of differential aeration couples was observed. Fig. 1 shows the element "metal in water line - metal dipped in electrolyte". The following results were obtained: An intensive corrosion appeared along the water line in acid media and in neutral solutions containing inhibitors such as bichromates, nitrates, or phosphates. The iron did not undergo any intensive corrosion along the

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Card 1/3

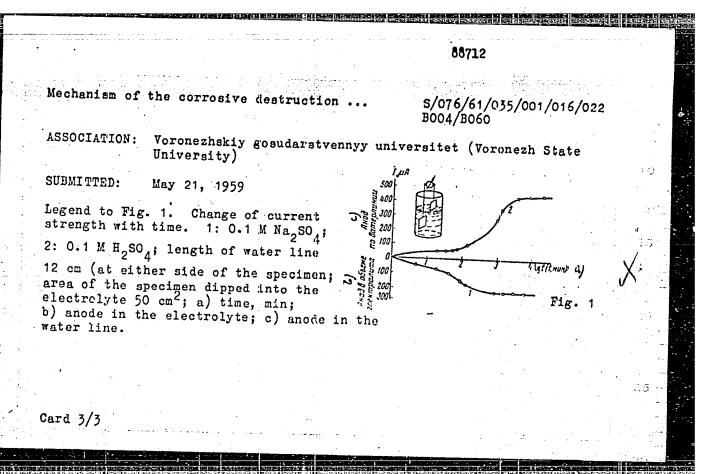
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Mechanism of the corrosive destruction ...

S/076/61/035/001/016/022 B004/B060

water line in neutral chlorides and sulfates. An intensive local destruction may take place, however, in media with a low electrical conductivity. Due to the difference in access of oxygen to the iron of the water line and iron dipped into the electrolyte, differential aeration couples are formed, the anode being provided by the iron dipped into the electrolyte. In media with a low electrical conductivity (tap water) the currents of these elements concentrate and give rise to intensified corrosion somewhat below the water line. The intensive etching of iron along the water line in acid media is not, as hitherto assumed, caused by a stronger precipitation of the corrosion products at the water - air interface, but by the action of corrosion macrocells, whose anode is the Fe in the water line. The cause of the formation of such cells is the rapid increase of the pu of the electrolyte which forms the meniscus. In neutral electrolytes containing inhibitors, the corrosion of Fe is similar to that in narrow slits and crevices. Due to an impeded access of the inhibitor to the electrolyte forming the meniscus there arise active passive cells, which give rise to the intensive corrosion. There are 4 figures, 1 table, and 9 references: 6 Soviet-bloc and 2 non-Soviet-bloc.

Card 2/3



MARSHAKOV, I.K.; ZANINA, A.N.

Mechanism of the waterline corrosion of iron, Zhur. fiz. khim. 35 no.1:206-211 Ja '61. (MIRA 14:2)

1. Voronezńskiy gosudarstvennyy universitet. (Iron—Corresion)

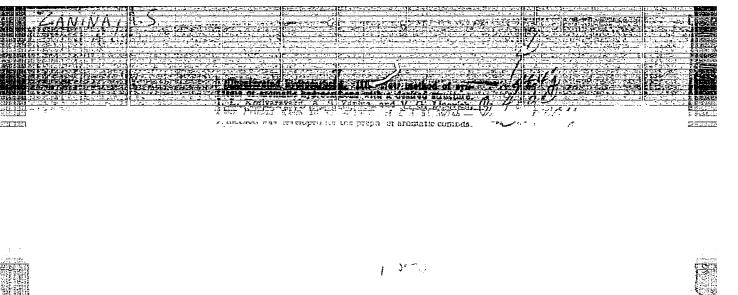
ZANINA, A.S.: Lipovich, V.G.

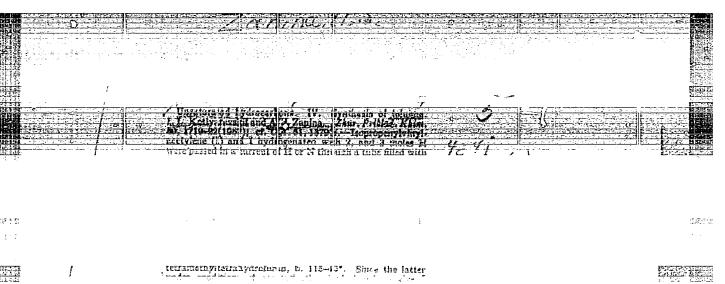
KOTLMAREVSKIY, I.L.; ZANIHA, A.S.: Lipovich, V.G.

Aromatization of divipylecetylene. 1zv.vost.fii.AM SSSR no.4/5:90-99
(ERA 10:9)

157.

1. Vostochno-Sibirakiy filial Akademii nauk SSSR.
(Acetylene) (Aromatic compounds)





AUTHORS:

Kotlyarevskiy, I.L. and Zanina, A.S.

SOV/80-59-1-35/44

TITLE:

Synthesis of  ${\cal B}$ -Methyl Naphthalene (Sintez  ${\cal B}$ -metilnaftalina) Sixth Communication (Soobshcheniye VI)

PERIODICAL:

Zhurnal prikladnoy khimii, 1959, Nr 1, pp 207-210 (USSR)

ABSTRACT:

in the previous papers of this series (this is the 6th one from the series of unsaturated hydrocarbons studies), the authors showed that the divinylacetylene and its alkyl derivatives can be completed into aromatic hydrocarbons under the effect of certain catalyzers, such as aluminum oxide, chrome oxide, etc. This reaction can be used for the synthesis of aromatic hydrocarbons with a prescribed structure. The authors carried out the aromatization of isopropenylcyclohexenylacetylene which resulted in obtaining \$\beta\$-methyl naphthalene. When the 2-methyl-4-(cyclohexene-1-yl)-butene is used in the process of aromatization the yield and individuality of the substance are increased. There are 2 tables and 4 Soviet references.

SUBMITTED:

March 2, 1957

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810003-0"

Card 1/1

507/153-2-4-26/32 Kotlyarevskiy, I. L., Fisher, L. B., Zanina, A. S., Terpugova, 5(1,3) AUTHORS: M. P., Volkov, A. N., Shvartsberg, M. S. Synthesis of Several Monomers on Alumochromium Catalysts TITLE: PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 4, pp 608 - 613 (USSR) A report on this paper was given at the All-Union Conference on "Ways of Synthesis of Initial Products for the Production ABSTRACT: of High Polymers" which took place in Yaroslavl' from September 29 to October 2, 1958. The results of the catalytic synthesis of 2,3-dimethyl-butadiene-1,3 as well as of monomers of the type of p-xylene from acetylene derivatives are given. The substance mentioned at first can be used in the production of special rubber types (Ref 1). It could not be obtained by the production methods so far used. The diagram (see Diagram) being worked at by the authors consists of two stages. The first one (Ref 2) yielded not more than 15% of the end product. In spite of numerous patents (Ref 3), a thorough description of reaction conditions is still missing. Therefore, the authors determined the optimum conditions of isobutane alkylation with ethylene Card 1/4

Synthesis of Several Monomers on Alumochronium Catalysts SOV/153-2-4-26/32

in the presence of aluminum chloride. Under these conditions  $(48 - 51^{\circ}, 7 - 9 \text{ atm}, 1.5 \text{ kg isobutane}, 145 \text{ g ethylene}, 40 \text{ g})$ C2H5C1, 5 g AlCl3, 2 hours) the yield of 2,3-dimethyl-butane rises to 47%. The reaction is very sensitive to temperature (only 1/3 of the alkylate yield at  $35^{\circ}$ ). The catalyst can be used 5 to 6 times without reducing the quantity of alkylate or of 2,3-dimethyl-butane. Ethylene has to be added during the whole process: its partial pressure must not exceed 0.5 - 0.7 atm, or otherwise the 2,3-dimethyl-butane content in the alkylate decreases rapidly. The addition of 1-3% C2H5Cl accelerates the process. Isobutane alkylation with ethylene at a high temperature proceeds at a pressure of 100 - 200 atm according to a radical mechanism, and is accelerated by radical donors. It was carried out by the authors in the presence of CoH5Cl (for the first time) in a special, continuously working plant. The alkylate yield (computed for ethylene) reached 170-180% under

optimum conditions  $(450^{\circ}, 200 \text{ atm}, reaction time 25 minutes,}$  weight ratio isobutane :ethylene = 10 : 1, initiator quantity 2.5%). 2,2-Dimethyl-butane (32-35%) of the alkylate) was the

Card 2/4